GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:927
ANSWERED ON:30.07.2010
CONSERVATION OF ELECTRICITY
Sugavanam Shri E.G.

Will the Minister of POWER be pleased to state:

(a) whether the Bureau of Energy Efficiency (BEE) has helped in saving electricity during the country in the last few years;

(b) if so, the details in terms of MW and value thereof;

(c) whether the BEE has taken any initiatives to conserve more units of electricity in the coming years; and

(d) if so, the details thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI BHARATSINH SOLANKI)

(a) : Yes, Madam, the Bureau of Energy Efficiency has helped in saving of electricity in the country.

(b) to (d) : Action Plan for Energy Efficiency during XI plan: In order to enhance the efforts to promote energy efficiency during the XI plan period and to achieve the target of reducing consumption by 5% (equivalent to 10,000 MW of avoided capacity) by 2012, BEE has initiated several programmes/schemes targeting the following areas:
House hold lighting
Commercial Buildings
Standards & Labeling of appliances
Demand Side Management in Agricultur /Municipalities
SMEs and Large Industries
Capacity Building of SDAs

A brief over view of the various schemes along with the targeted avoided capacity is indicated below:

Sl.No	Name of Scheme	Target (avoided capacity)
01.	Bachat Lamp Yojana to promote energy efficient and high quality CFLs in the household sector	4,000 MW
02.	Standards & Labeling Programme to develop standards for energy efficiency of end-use equipments and provide informative labels	3,000 MW
03.	Energy Conservation Building Code sets minimum energy performance standards for new commercial buildings with a connected load of 500 KW. Energy Efficiency is also promoted in existing buildings through retrofitting.	500 MW
04.	Agriculture DSM & Municipal DSM targets replacement of inefficient pump-sets, street lighting etc in the agricultural and municipal areas.	2000 MW
05.	Energy Efficiency in Small & Medium Enterprises (SMEs) to enhance energy efficiency in 25 energy intensive clusters	500 MW

06. Capacity Building of State Designated Agencies (SDAs) seeks to enhance their institutional capacities to facilitate them in the implementation of Energy Conservation Act in the respective states.

07. State Energy Conservation Fund to ensure sustainability of energy efficiency implementation at the State level.

08. Awareness Campaign on Energy Conservation to create awareness amongst general public on the efficacy and virtues of adopting a habit for energy conservation.

Total 10,000 MW

The schemes are implemented within the framework of the Energy Conservation Act, 2001. The initiatives taken have resulted in an avoided capacity generation of 623 MW and 1504 MW during the years 2007-08 & 2008- 09 respectively the value of which is approx. Rs.13000 crores during that period.